





**Former Uniroyal Site**  
Summary of Known and Suspected Environmental Releases

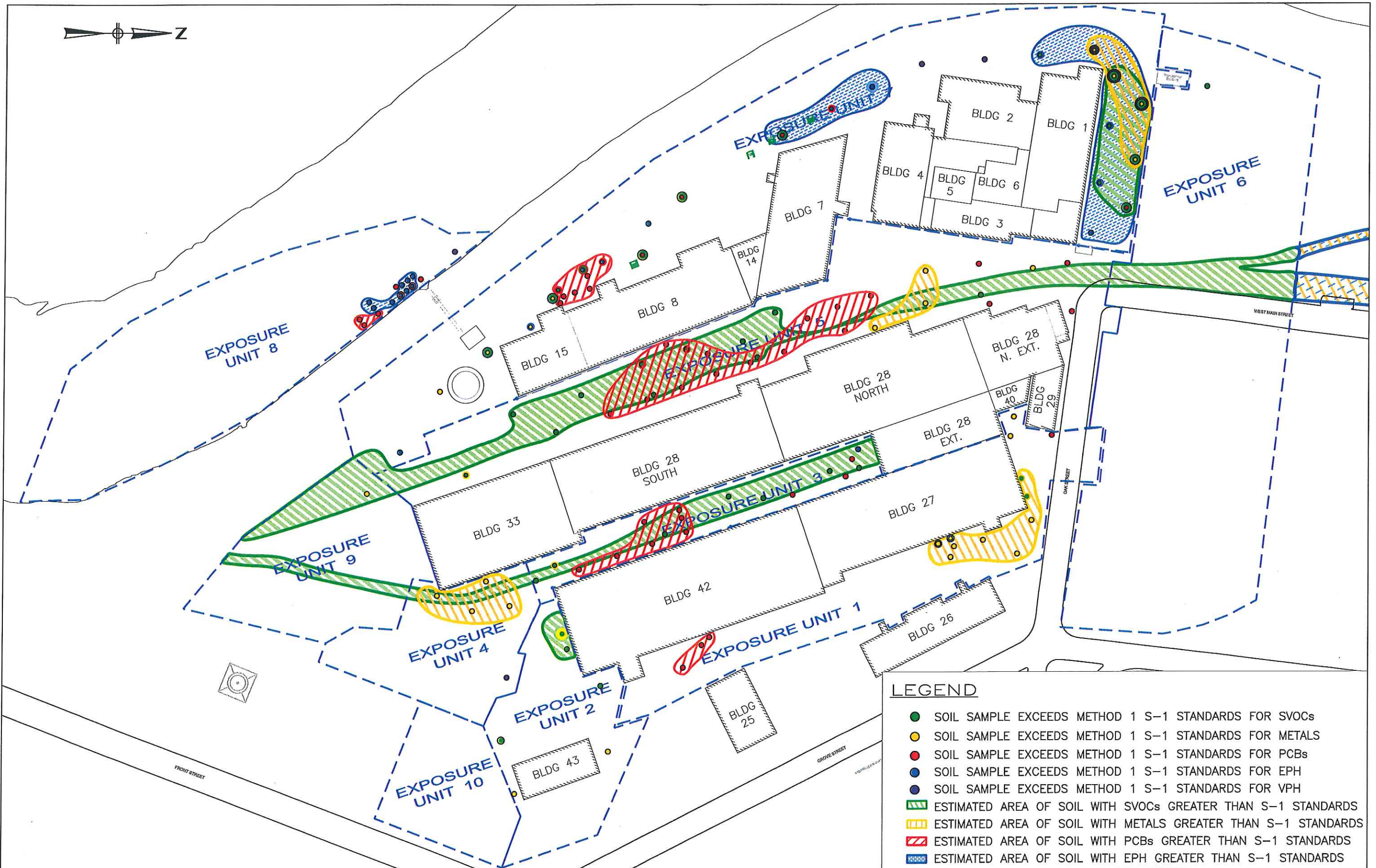
4-12-2012

Exposure Unit / Location	Primary Contaminants of Concern	Impacted Media	Confirmed/Likely Sources	Recently Completed Actions	Proposed Action	Questions/Comments
EU-1  ▪ GF-SS subarea  ▪ LS-C subarea ▪ Elevator/Manhole subarea	Petroleum, PAHs, Metals  Lead  Petroleum  Zinc, PCBs	Soil  Soil  Soil  Sediment	Fill, transformers	Excavated 6 cubic yards. Confirmatory results are <S-1 standards.  Excavated 80 cubic yards. Confirmatory results are < UCLs	Vegetable garden AUL    Removal and on-site consolidation or off-site disposal	
EU-2	PAHs, Metals, C5-C8 aliphatics, Benzene	Soil, Groundwater	USTs A-F	Collected samples from ESC-28 and MW-3 & MW-4 for PCB analysis	Collect 1 more round of groundwater samples from ECS-28 and MW-3 & MW-4 (downgradient) for PCB analysis (Dec 2011); Sub-slab venting system AUL  Sub-slab venting system AUL	PCB-impacted GW unlikely
EU-3  ▪ Tunnel subarea	PAHs, PCBs, Metals  Arsenic, Lead	Soil  Soil, Sediment	Loading Dock, Shipping/Receiving Area, Fill	Excavated <1 cubic yard of soil/debris	Vegetable garden AUL	
EU-4	PAHs, Metals, PCBs	Soil	Rail Equipment		Vegetable garden AUL	
EU-5  ▪ Mill Line subarea ▪ Tunnel subarea ▪ Bldg 29 subarea ▪ Catchbasin/Oil Interceptor	Petroleum, PAHs, PCBs, Metals  Metals, Petroleum  PCBs  PCBs  PCBs, Petroleum	Soil  Soil, Debris  Soil, Sediment  Soil, Sediment  Wastewater	Carbon Black, Transformers, Petroleum, Dust Control (PCB-containing oil)	Bldg 33 vault sampling  Removed waste  Removed PCB-contaminated soil > UCL (100ppm) Removed PCB-contaminated soil > UCL (100ppm)  Confirmed wastewater had previously been removed.	Characterization of Tunnels 3 & 5; Capping (3' fill or 6" pavement) with AUL	Need to discuss unauthorized construction of PCB consolidation area within EU-5 (must be re-graded).  Risk characterization doesn't include recreational scenario for future use of area as soccer fields. Also, need to coordinate final proposed grades and clean corridors for utilities.
EU-6	PAHs, Metals, PCBs	Soil	Coal Ash	Collected additional soil samples for PCB analysis. No exceedances.	RAO-P with possible vegetable garden AUL	Need to coordinate with Property Owner (Demers)
EU-7  ▪ Elevator subarea  ▪ Coal Chute subarea  ▪ Store Room subarea ▪ Petroleum subarea	Petroleum, PAHs, PCBs, Metals  PCBs, Metals, Petroleum  Arsenic  Lead, PCBs  Petroleum	Soil  Soil, Sediment  Soil  Soil, Sediment  Soil, Groundwater	Transformer and Fuel Oil, Fill	Detwater bldg 2,4 and 6 foundations and collect sub-slab soil and drainage system samples.  Excavated 215 cubic yards of soil. Confirmatory results are <UCLs  Additional sampling. Excavated material down to concrete floor.	Capping (3' fill or 6" pavement); Sub-slab venting system AUL  Removal and off-site disposal (>UCLs)    Sub-slab venting system AUL	Partial cap or complete capping?    Risk characterization doesn't include recreational scenario for future use of area as little league field
EU-8	PCBs, PAHs	Sediment, SW	Surface Water Runoff	Additional surface water & sediment samples collected from Chicopee River in 6/2011	Complete updated Risk Characterization	TSCA lead - Additional Eco-Risk Assessment
EU-9	C5-C8 aliphatics	Groundwater, Soil	UST Releases	NAPL gauging 6/2011 & 9/2011 (ECS-9); >1/2" product 9/2011; No product in downgradient well ECS-25.	Continued NAPL monitoring on quarterly basis; If 12/2011 results indicate >1/2" NAPL bailer will be reinstalled.	
EU-10	C5-C8 aliphatics	Groundwater, Soil	USTs G-K		RAO-P	No AUL proposed
EU-11	PAHs, PCBs, Metals	Soil, sediment, water	Surface Water Runoff, Floor drains (spills)? Process water?	Removed contaminated sediments from portion of collector line and detergent pressure washed certain sections of toe drain system. Removed sediments from Oak Sst pumping station wet well	Re-evaluation of cleaning approach needed as confirmatory wipe samples exceeded standard (10ug/100cm2). Steam cleaning of pump station wet well and confirmatory chip sampling	Decommission larger diameter lines? Abandoned pipes present potential migration pathways, if not filled. How were active and inactive lines established? Need to assess exfiltration potential. Depth of cut and potential for encountering contaminated soil during redevelopment? Underground petroleum lines?

*Attachment B*



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#### LEGEND

- SOIL SAMPLE EXCEEDS METHOD 1 S-1 STANDARDS FOR SVOCs
- SOIL SAMPLE EXCEEDS METHOD 1 S-1 STANDARDS FOR METALS
- SOIL SAMPLE EXCEEDS METHOD 1 S-1 STANDARDS FOR PCBs
- SOIL SAMPLE EXCEEDS METHOD 1 S-1 STANDARDS FOR EPH
- SOIL SAMPLE EXCEEDS METHOD 1 S-1 STANDARDS FOR VPH
- ESTIMATED AREA OF SOIL WITH SVOCs GREATER THAN S-1 STANDARDS
- ESTIMATED AREA OF SOIL WITH METALS GREATER THAN S-1 STANDARDS
- ESTIMATED AREA OF SOIL WITH PCBs GREATER THAN S-1 STANDARDS
- ESTIMATED AREA OF SOIL WITH EPH GREATER THAN S-1 STANDARDS

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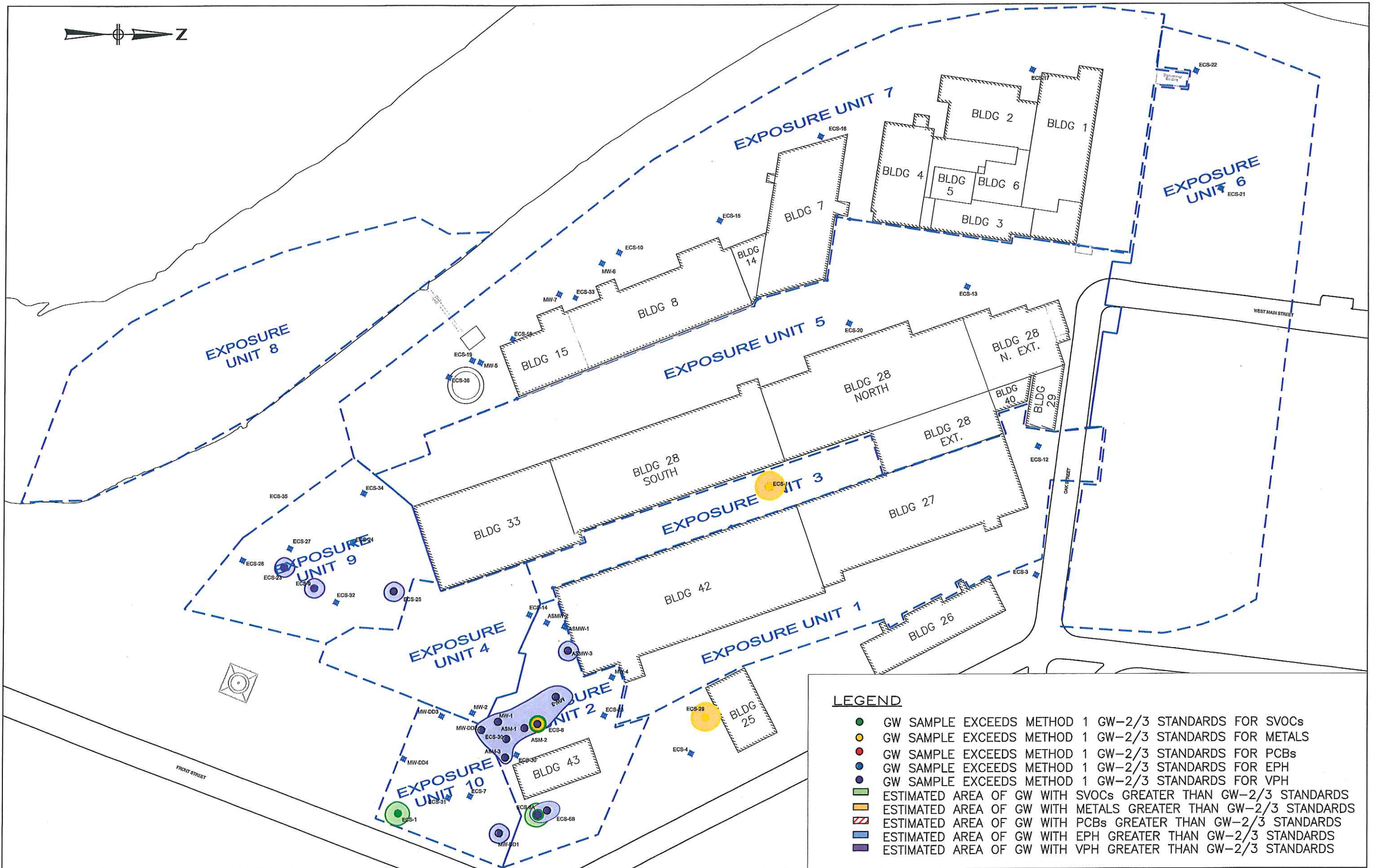
March 10, 2011

**Former Uniroyal Property**  
Chicopee, Massachusetts  
Scale: 1"=120'

**Identified Areas of  
Soil Contamination**



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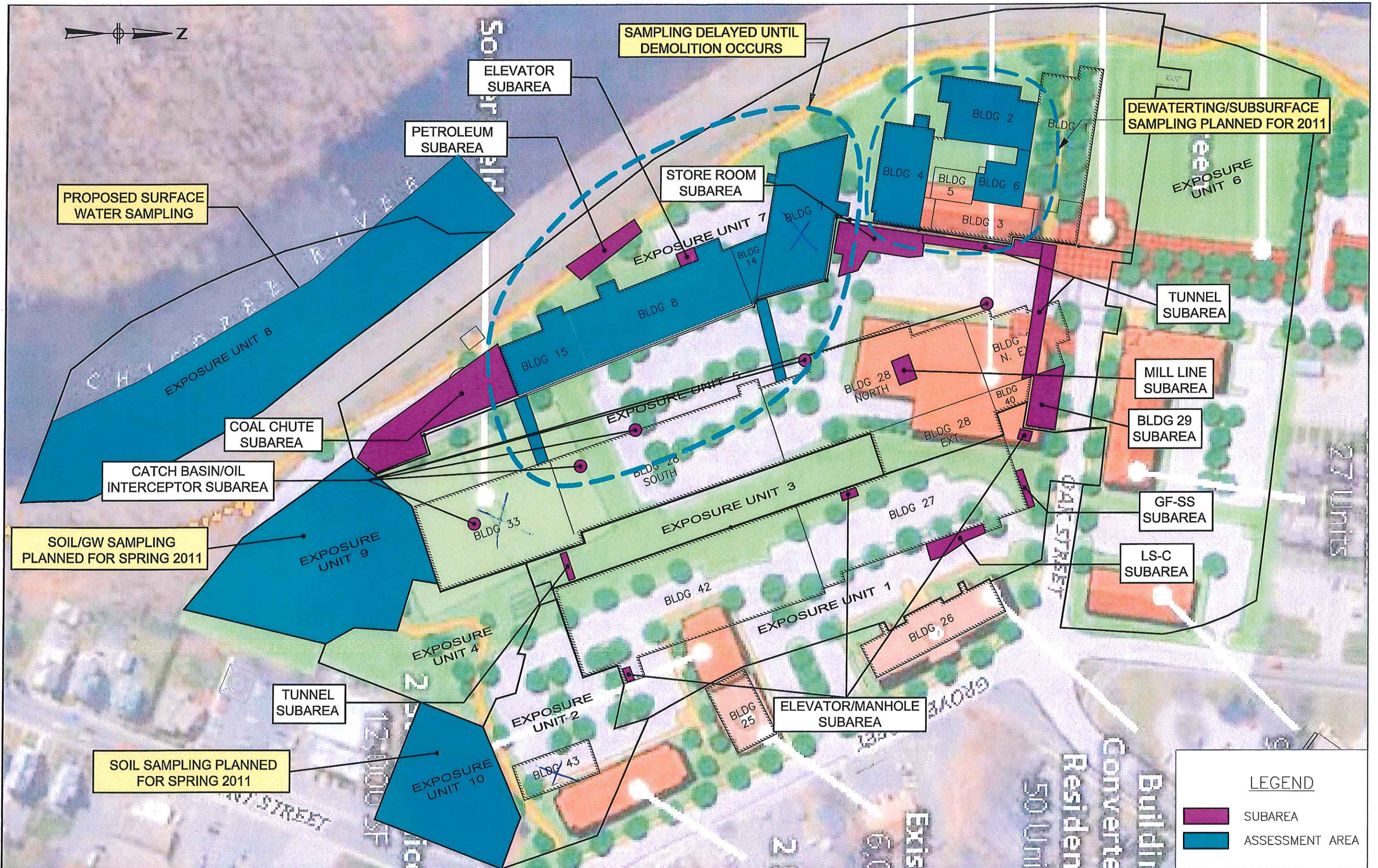
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**Identified Areas of  
Groundwater Contamination**



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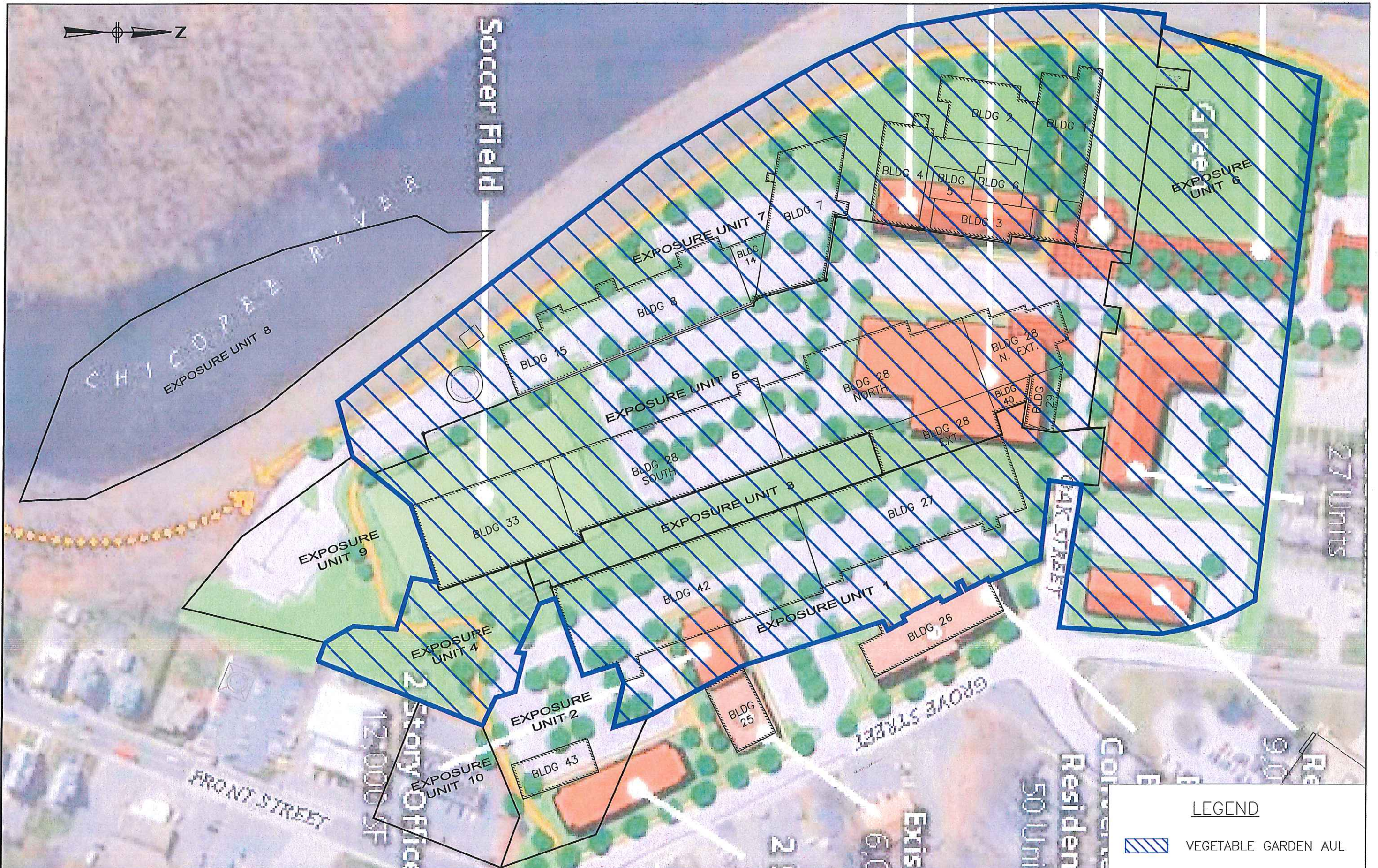








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**Reuse Plan**  
Scenario One



